

note that a Notice of Appeal is submitted herewith.

The Assistant Commissioner is hereby authorized to charge any additional fees, including extension of time fees or other relief as may be required, or credit any overpayment to Deposit Account No. 06-1300 (Our File A-67493-2/RMS/DCF/SRN).

### **AMENDMENTS**

#### **In the claims:**

18. (Amended) A method of determining the presence of one or more target analytes in one or more samples comprising:

- a) contacting said one or more samples with a composition comprising:
  - i) a substrate with a surface comprising a plurality of assay locations, each assay location comprising an array location, comprising a plurality of discrete sites; and
  - ii) a population of microspheres comprising at least a first and a second subpopulation each comprising a bioactive agent;wherein said microspheres are distributed on said surface such that said discrete sites each contain no more than one microsphere; and
- b) determining the presence or absence of said target analyte.

19. (Amended) A method of determining the presence of one or more target analytes in one or more samples comprising:

- a) adding said one or more samples to a first substrate comprising a plurality of assay locations, such that said sample is contained at a plurality of said assay locations;
- b) contacting said sample with a second substrate comprising:
  - i) a surface comprising a plurality of array locations, each array location comprising an array location, comprising a plurality of discrete sites, wherein at least one assay location is in fluid contact with at least one